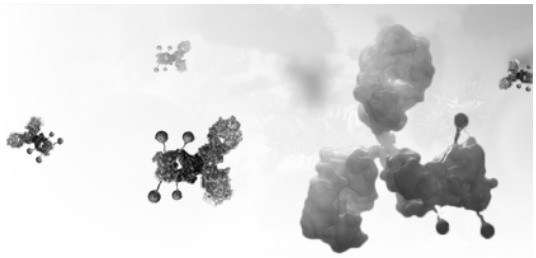

Recombinant Candida albicans Enolase [His] (DAG2702)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	This recombinant antigen has been prepared from the complete ORF of the eno1 gene, which codifies the glycolytic enzyme 2-phospho-D-glyceratehydro-lyase from the fungus Candida albicans
Antigen Description	Multifunctional enzyme that, as well as its role in glycolysis, plays a part in various processes such as growth control, hypoxia tolerance and allergic responses. May also function in the intravascular and pericellular fibrinolytic system due to its ability to serve as a receptor and activator of plasminogen on the cell surface of several cell-types such as leukocytes and neurons. Stimulates immunoglobulin production.
Specificity	Immunoreactive with sera of of infected individuals
Species	C. albicans
Purity	> 95% as determined by SDS-PAGE
Conjugate	His
Applications	Antigen for using in ELISA, immunocromatography, dot blot and western blot assays.
Size	1 mg
Buffer	20mM phosphate buffer, pH8, 1M NaCl, 0.1% polyoxyethylene (10) tridecyl ether
Preservative	None
Storage	2-8°C short term, -20°C long term

BACKGROUND

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Introduction	Candida albicans is the most frequently isolated fungal pathogen of humans, affecting immunocompromised patients ranging from premature infants to AIDS sufferers. Systemic infections have an attributed mortality of 30-50%. C. albicans is a diploid organism which has eight sets of homologous chromosomes. It has a genome of approximately 16 Mb (haploid), about 30% greater than S. cerevisiae (baker's yeast).
Keywords	C albicans; C. albicans; Thrush; Fungi; Saccharomycotina; Ascomycota; Saccharomycetales; Saccharomycetaceae; Candida albicans; Candida; Candida stellatoidea; Oidium albicans; Enolase; 2-phospho-D-glycerate hydrolase; Candida albicans enolase

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